CR Number:	3094
External Reference:	SAFER CR 164
Category:	SAFER XML, EDI
Component:	SAFER/CVIEW
Synopsis:	Add a check constraint to SAFER for the value of IRP_weight_carried.
Status:	Approved
Disposition:	[2006-03-30] Approved for release in SAFER 5.1.
Description:	[2005-02-14] contents from Volpe CR 164

Description: [2005-02-14] contents from Volpe CR 164
This CR is created for a defect identified by MDCVIEW & APLCVIEW. Some vehicle data provided by SAFER has IRP_Weight_Carried with a null, blank or zero value. It is suggested that there should be a constraint for the value of IRP_Weight_Carried submitted from CVIEW.

If Vehicle_IRP_Juris.IRP_Jurisdiction is not null, the Vehicle_IRP_Juris.IRP_Weight_Carried must be a number greater than 10,000. Blank, null and zero weights should not be allowed.

In the current design of SAFER, Vehicle_IRP_Juris.IRP_Jurisdiction and Vehicle_IRP_Juris.IRP_Weight_Carried are both mandatory fields for XML input. However there is no specific requirement for the input value. The datatype of Vehicle_IRP_Juris.IRP_Weight_Carried is Varchar(8) which allows blank, null and zero values to exist in SAFER.

Volpe will perform technical analysis to determine whether the value checking shall be implemented during the input process or at the database level.

[2005-03-01] Presented and discussed at the 2/17/05 ACCB meeting.
Volpe pointed out that SAFER release 4.9 will already make this a mandatory field whenever a jurisdiction is provided, which meets a significant objective of the CR. The remaining significant issue is to block zero values. The ACCB decided that this CR could be incorporated into SAFER CR 139 (Arch CR 3013): Standardization of data values in XML input transactions and will be discussed at the next ACCB meeting.

This CR was therefore disapproved and closed

[2006-03-30] Presented at the 2006-03-23 ACCB meeting.
No edit checks are done on this element, so that zero, null or blank weights are possible. This data element holds the "cab card weight" for each jurisdiction, and the value is used for e-screening. The original response to the CR included a lower bound of 10,000 pounds, but, after discussion, it was decided to simply require a numerical value greater than zero. The ACCB originally closed this CR in February, 2005, and included the contents in SAFER CR 139/Architecture CR 3013. Both CRs will be re-opened in their original state instead of including this problem in the new Phase 2 CR for 139/3013. This CR is a candidate for SAFER Release 5.1 in August.

[2006-05-04] Presented at the 2006-04-20 ACCB meeting.
Instead of deleting the IRP_Weight_Carried limit from the CR, the ACCB agreed on updating the CR to state that the IRP_Weight_Carried must be a number greater than 6,000 pounds. This CR is a candidate for SAFER Release 5.1 in August.

Fix:	
Comment:	
Attachment names:	
Responsibility:	Magnusson Nancy C.
Modified Time:	5/4/2006 12:55:06 PM
Modified By:	Magnusson Nancy C.
Entered On:	2/14/2005 3:46:44 PM
Entered By:	Magnusson Nancy C.
Severity:	Medium
Priority:	No
Type:	Defect
Closed On:	3/1/2005 10:37:05 AM